

Cracklin' Static

September 2022 Edition



**In-person and
virtual meeting
September 3, 8
AM. for details
see pg 4 ...**

SNARS NET on DMR – Tuesdays 8pm
DMR Talk Group: 31328 SNARS

SNARS Treasury Closing Balances From AE7OX As of 7-31-22

Account	
Operating	\$9,771
Savings	\$12,484
Self Insurance	\$15,390
PayPal	\$1,658
Convention	\$4,212
Total	\$43,514
Net Monthly	\$304
Net YTD	-\$3,725

Membership Years Paid 16

SNARS Membership as of 8-28-22

Extra	139	32%
General	125	29%
Technician	145	33%
Advanced	16	4%
No License	8	2%
Total		433

SNARS ARRL Members as of 8-28-22

Regular	266	61%
Life	37	9%

PRESIDENT'S VOICE

President John Miller, N7JDM

Email: jmil912@gmail.com



I hope everyone is dried out from the wettest August since the mid 60's! That was some weather, I thought I was back in Florida at times. With the rain comes lightning and we had some damage at a couple of repeater sites.

The blown parts have been replaced by now and the sites are up and operating again, thanks to the tireless efforts of the tech crew.

Speaking of the tech crew, Pat W7DED had back surgery and will be out of commission for the short term. Greg Stefancik AE6FN has stepped up and will be assisting John N7ROJ with tasks going forward. Tip your hat to Greg next time you see him.

We welcome Doug Edmondo W7DBE to the SNARS board. Thank you Doug!

Last, don't forget the swapmeet at Cabelas on the 17th. Starts at 8 AM in the same area in the parking lot as before.

73, John N7JDM



PO BOX 7727 Reno NV 89510
 Yearly Dues: \$40.00 Individual • \$50.00 Family
 775.453.4142 <http://snars.org>

2022 Officers

President.....John Miller N7JDM
 Vice-President.....John Byerly, N7ROJ
 Treasurer.....Doug Edmondo, W7DBE
 Secretary.....Anthony Marcin, W7XM
 DirectorWes Vick, KG7QXE
 DirectorJim Shepherd, W6US
 DirectorBarry Bettman, K6ST

2022 Staff

Cracklin StaticHowie Holden, WB2AWQ
 W7TA TrusteePeter DeBay, KE7VSR
 KR7ENO Trustee.....Howie Holden, WB2AWQ
 Control OperatorPat Sheehan, W7DED
 Youth Involvement.....Barry Bettman K6ST
 NVQSO Coordinator.....Jim Shepherd, W6US
 HistorianJon Fox, KF7KTC
 Tech Team LeadPat Sheehan, W7DED
 MembershipKim Farnham, KG7TMA
 PIOGreg Krantz, NT7Q
 VE Coordinator.....Krystal Rhoades, AJ6GC
 Meeting GreeterBill Jones, AE7OX
 Noon Net ManagerWes Vick, KG7QXE
 DMR Net ManagerAnthony Marcin, W7XM
 Reno Ham SwapWes Vick, KG7QXE
 WebmasterErik Andreasen, K6CZH
 Club Sales Manager.....Vacant
 Recording Secretary.....Doug Edmondo, W7DBE

Cracklin Static Publication

Editor: Howie Holden WB2AWQ - holden7471@msn.com
 Cracklin' Static is the Newsletter of, and sponsored by the Sierra Nevada Amateur Radio Society. Cracklin' Static is published the week before meetings. Opinions expressed herein are those of the editors and contributors and should not be considered as official expressions of the Club Officers, Staff or Club Members, or as endorsements by same.

Material for publication may be edited to enhance readability or to save space. We reserve the right to use whatever font size, line spacing or other tools as may be required to publish this Newsletter. **Deadline for input to the newsletter is 1500 hours on the Sunday** prior to the 1st Saturday (or whichever Saturday is the meeting) of each month.

SNARS Wide Area Linked System

147.030 + PL 123.0	Sparks, Fernley, Fallon	Online
147.210 + PL 100.0	Reno, Sparks	Online
147.150 + PL 123.0	Lake Tahoe, Truckee, Carson	Online
146.925 - PL 123.0	Lovelock, Fallon	Online
146.670 - PL 123.0	Winnemucca	Online
444.875 + PL 100.0	Yerington	Not Linked
444.125 + PL 123.0	Reno Sparks	Offline

DMR Systems

444.925 + CC 1	Reno, Sparks	Online
444.825 + CC 1	Dayton, Fallon, Carson	Online
443.925 + CC 1	Lake Tahoe, Truckee, Carson	Online
443.950 + CC 1	Incline Village	Offline
442.875 + CC 1	Sparks, Fernley, Fallon	Not Linked
442.850 + CC 1	Downtown Reno	Online
441.950 + CC 1	Fallon, Fernley	Offline

Fusion Systems

146.610 - PL 123.0	Reno, Carson, Dayton	Online
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IRLP / EchoLink Systems

147.300 + PL 123.0	Reno, Sparks	Online
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Packet / APRS

145.050 - RNO	Reno, Carson, Dayton	Online
145.050 - ROSE	Lake Tahoe, Truckee, Carson	Online
144.390 - TOULON	Lovelock, Fallon	Offline

Standalone Systems

147.390 + PL 100.0	Reno, Carson, Dayton	Online
443.075 + PL 123.0	Reno, Carson, Dayton	Online
927.0875 + PL 114.8	Reno, Carson, Dayton	Online

Online Offline Not Linked

NOTE: The status of repeaters may not up to date on this page. Check with the SNARS website for repeater status.

Weekday on the SNARS Linked System

147.030 + PL 123 – Sparks/Fernley
 147.150 + PL123.0 – Lake Tahoe / Truckee
 147.210 + PL 100.0 - Reno
 444.875 + PL 100.0 - Yerington
 146.925 - 123.0 – Lovelock / Fallon
 146.67 – PL 123.0 - Winnemucca

Monday through Friday @ 12:00pm

Open to all amateur radio operators. A general informational net for the amateur radio community of Northern Nevada and Eastern California. Radio Checks and Questions are welcomed.

Nets on the SNARS Linked Systems

147.210 + 100.0 | 147.030 + 123.0 | 147.150 + 123.0
 147.670 – 123.0 | 146.925 – 123.0 | 444.875 + 100.0

ERC Net for NV and Northern CA	Monday @ 9:15pm
N. Western NV ARES Net	Thursday at 7:30pm
Northern Nevada Preppers Net	Wednesday @ 8:00PM
Hospital Net	Friday @ 10:00AM

Nets on IRLP (GSR) System

Repeater: 147.300 + 123.0

Amateur Radio Newline	Monday - 8:00PM
Nevada Skywarn Net	Wednesday - 7:00pm

Nets on Simplex/HF

Jefferson Noon Net	7.204 LSB	Daily - 12:00pm
6 Meter Net	50.350 USB	Tuesday – 8:00pm
2 Meter Weak Signal	144.250 USB	Wednesday - 8:00PM
2 Meter Simplex Net	146.500 FM	Thursday – 8:00PM
10 Meter Net	28.350 USB	Sunday – 2:00PM

**SNARS Weekly DMR Net – Tuesdays
 8:00PM**

SNARS Talk Group 31328

Open to Members and Guests. A general information net each week on DMR.

SNARS CALENDAR

QCWA Meeting, Sept 10, 11AM to 1PM, Famous Dave's Bar-B-Que, 4925 Kietzke Ln, Reno

SNARS Board Meeting Wednesday, Sept 14, 6:00PM.
 Location and mode Chin Chin, Sparks, and Zoom

HAM RADIO NIGHT on Zoom 7:00 PM Monday, Sept 19, 2022 see <https://snars.org/hamradionight/>

Reno QRP Group Meeting Tuesday, Sept 20, 11am – 12pm, Jack's Coffee Shop #2, 605 N Wells Ave, Reno, NV. Contact Ed, WD7Y WD7Y@sbcglobal.net for more info. If cancellation is needed, will be announced on the SNARS noon net.

Next months SNARS Breakfast Meeting October 1, 2022, 8 AM. Location and media mode tentative depending on Board decision.

WELCOME NEW MEMBERS

AS OF 8-27-22

David	Mohr	KK7HYZ
Emmanuel	Mohr	KK7HYY
Brian	Dewey	KG6PUG
Jacob	DeArman	KK7HVA

SNARS In-Person and Virtual Monthly Meeting

**SNARS (hybrid in-person & virtual Zoom) Monthly Meeting
Saturday, Sept 3, 2022**

In-Person 8 AM PDT (coffee and donuts)

SNARS Meeting at 9 AM both Zoom and in-person

In-Person @ Regional Public Safety Training Center (5190 Spectrum Blvd, Reno) - or - join us via Zoom

In Person location (no registration, just show up)

Regional Public Safety Training Center

5190 Spectrum Blvd, Reno

Room 103 & 105

Presentation:

**"Lightning and how it effects the
ham shack, plus artificial noise
sources as well."**

with Chuck Abramson - K9CFA



**MEETING
NOTICE!**

To join via Zoom, register here:

<https://us06web.zoom.us/meeting/register/tZ0lcuirrjspHtK3X--CJT2C0gToBVeuTD40>

Questions? Contact Barry K6ST@arri.net

More Info In-Person / Register Zoom: <https://snars.org/monthly-meeting/>

RENO Ham Swap

Saturday, Sept 17, 2022

Cabela's -- East Parking Lot
8650 Boomtown Garson Road, Reno, NV

Seller Setup @7:00AM

\$10.00 Per Space

Open to Public @8:00AM

Free to Browse and Buy

Cabelas Opens @ 9AM

Shop the Famous Cabala's

Raffle Drawing @ 10AM

HT Radios and More



An ARRL Sanctioned Hamfest

Talk-In Frequency 147.210 + PL 100.0

DMR Talk Group: SNARS 31328

RenoHamSwap.com

Brought to you by the Sierra Nevada Amateur Radio Society -- <http://snars.org>

THE NAME OF THE GAME

Jim Shepherd, W6US nvjims@gmail.com

NEVADA QSO PARTY

The Sierra Nevada Amateur Radio Society is proud to present the Nevada QSO Party which is an annual event on the second full weekend in October. This year it will start at 2000 hours Nevada time (PDST) on Friday, October 7 (0300z 10/8/2022) and run until 1400 on Sunday, October 9 (2100z 10/9/2022).

The objective of this contest is for Nevada stations to activate all 17 of the counties in Nevada and work the rest of the world. Nevada stations will work anyone, anywhere, and out of state stations will work Nevada Stations. All stations may be worked on the three different modes for up to three times on each HF band and only once on the VHF+ frequencies. Rovers in Nevada can be worked again when they change counties. The Exchange is simple, signal report (59 or 599) and your ARRL/RAC SECTION for those outside of Nevada and the signal report and the 5 letter county code for those inside of the state. Note that we are using SECTIONS not states—Logging 'CA' for a California station will be not counted, you must use one of the 9 California Section identifiers like SV, LAX, etc. A complete list of the boundaries of all the ARRL sections is at <http://www.arrl.org/section-boundaries> and I suggest downloading and printing a copy for reference.

The state of Nevada is one of the rarest U.S. States on the air. If you are out of state be sure to work Nevada in the upcoming Nevada QSO Party; it will be helpful to you when going for ARRL WAS (Worked All States award) and other awards like grid zones and counties. Nevada stations can work the world as well as the other operators in Nevada. Nevada stations will have the best results on trying to work other Nevada stations by using 80 and 40 meters with NVIS antennas or using the VHF bands. This also works for stations near our borders.

The VHF+ band will consist of all legal frequencies from 50 MHz up to 1300 MHz. In order to bring a lot of new hams into contesting, we are allowing the use of repeaters on these frequencies. There are linked systems which will allow out of state contacts. All modes will be allowed. You can work a VHF/UHF/SHF station only once. If you do work stations using moonbounce or meteor scatter, please make a note of that in your soapbox comments.

On the HF side, Phone, CW, and Digital modes will add multipliers to the QSO points. All conversational digital text modes are allowed with all counting the same. While most of the activity will be on SSB, there is a definite need for CW and Digital operations in all of the counties. We are no longer using FT8 and FT4, but other Digital modes like RTTY, PSK31 are great for making contacts. CW ops are especially needed in all counties!!!

Working the contest from home is perfectly acceptable and highly encouraged! However, getting out in the field in one or more of the rural counties can be highly rewarding! Most rural counties are very wanted by the "County Hunters", and if you put a good signal on the air, you will get lots of contacts. Especially wanted are CW and Digital contacts. Setting up on or within 500' of a county line will allow you to give out 2

contacts at once, and there are a number of places where 3 counties come together for 3 contacts at once. Rover operations where you drive from county to county are also a good way to go. This year, I will be on the Humboldt/Elko line east of Chimney Dam Reservoir.

Logging software from N1MM will have the ability to work on this contest. For those that are using paper and pencil or some other logging method that does not produce a Cabrillo file, we also have the WA7BNM Cabrillo log maker which will allow you to build a Cabrillo file. This year, paper logs will not be allowed. We will be using some improved web entry software to make it easier to send in your log after the contest! Please send in a log even if you only make a couple of contacts, it is important to show lots of Nevada logs to show our instate participation to keep up interest for the out of state hams to continue looking for us!!!

We also have a sign-up form to allow stations to sign up for the counties which they will activate. We are going to try and get operators out in all counties and have all modes covered. Please use this form if you are going to be operating in Nevada. The more stations we have in each county, the better it will be for everyone. Countyline and Rover operations will be sitting on 2 or more different counties at the same time and will count for multiple contacts. Don't worry if there are a bunch of operators signed up for Washoe county, add your callsign to the pile! We really want to see all of the counties activated—the weather is usually good and the fall colors are starting to show around the state, so take a road trip and see our state while activating a rare county! You can also pick locations where you will get SOTA or POTA credit if you give those exchanges along with your NVxxx exchange. As of this time, Wheeler Peak in Great Basin National Park does not have any planned operations, so you could go there and get all three credits, SOTA, POTA, and NVQSO, for each contact!

The Nevada QSO Party website is <http://nvqso.com/> Complete rules are listed under the "Rules" tab and please read the FAQs for additional information. There are links on the website to the Cabrillo Log Maker, and the ARRL/RAC section abbreviations are available at <http://www.arrl.org/section-boundaries>

Information is subject to change on the website so be sure to check back regularly. Please visit this site often and pass the word onto your friends! There is also a video explaining this contest and how to set up WSJT-X and N1MM+ at:

<https://www.youtube.com/watch?v=eLAmEr7S6eA> It was made a couple of years ago, but it is still helpful for this year's contest.

We are looking forward to your participation in this contest! The NVQSO does count toward the State QSO Party Challenge! This contest is sponsored by SNARS and we really want a lot of participation. With the ability to use your handheld on the repeater systems, everyone can have fun and talk to lots of other hams.

For further information on the contest, contact Jim Shepherd at W6US@SNARS.ORG



MIKE'S MISSIVES CHAPTER SEVENTY

Mike Katz, N7MSK

FCC PART 97: 97.309 RTTY and data emission codes.

(a) Where authorized by §97.305(c) and 97.307(f) of the part, an amateur station may transmit a RTTY or data emission using the following specified digital codes:

(1) The 5-unit, start-stop, International Telegraph Alphabet No. 2, code defined in ITU-T Recommendation F.1, Division C (commonly known as "Baudot").

(2) The 7-unit code specified in ITU-R Recommendations M.476-5 and M.625-3 (commonly known as "AMTOR").

(3) The 7-unit, International Alphabet No. 5, code defined in ITU-T Recommendation T.50 (commonly known as "ASCII").

(4) An amateur station transmitting a RTTY or data emission using a digital code specified in this paragraph may use any technique whose technical characteristics have been documented publicly, such as CLOVER, G-TOR, or PacTOR, for the purpose of facilitating communications.

(b) Where authorized by §§97.305(c) and 97.307(f), a station may transmit a RTTY or data emission using an unspecified digital code, except to a station in a country with which the United States does not have an agreement permitting the code to be used. RTTY and data emissions using unspecified digital codes must not be transmitted for the purpose of obscuring the meaning of any communication. When deemed necessary by a Regional Director to assure compliance with the FCC Rules, a station must:

(1) Cease the transmission using the unspecified digital code;

(2) Restrict transmissions of any digital code to the extent instructed;

(3) Maintain a record, convertible to the original information, of all digital communications transmitted.

SHORT TAKES (By Jim Shepherd W6US)

CONTEST CALENDAR

After a relatively quiet summer, the state QSO parties are going strong this month. Colorado and Tennessee are on for Labor Day weekend. The next week Alabama will be on the air. September 17-18 will have 5 different states, Texas, Iowa, New Hampshire, New Jersey and the Washington State Salmon Run which has Smoked Salmon treats as awards for some of the active contesters! September 24 is the Maine party to round out the month. September 10th is the ARRL VHF contest and every ham can participate in this one. The CQ WW RTTY contest is the weekend of September 24th. Please note that all times and dates are UTC time, and you will have to convert that to our local time and date. These and other contest information can be found at

<https://www.contestcalendar.com/contestcal.html>

DX

There are lots of DXpeditions in countries that most of us haven't ever heard of, and probably haven't put in the log... There are too many to list here, so go to the listing at:

<https://www.ng3k.com/Misc/adxo.html>

THIRD MONDAY ZOOM HAM RADIO NIGHT

We will have our popular Ham Radio Nights via ZOOM to get your questions answered. It will be held at 7pm on Monday, September 19th. More information, including the link will be published before that date.

NAME THAT RIG?

(Answer on page 11)



YOUTH INVOLVEMENT

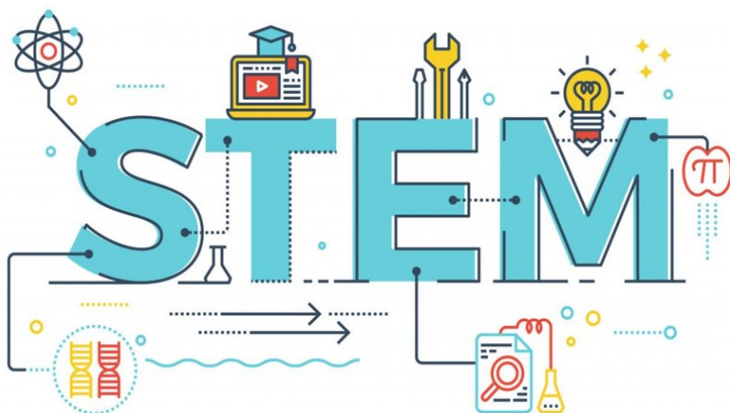
SNARS WILL BE ENGAGED IN OCTOBER 2022 WITH TWO SCOUTING EVENTS IN THE RENO AREA:

Jamboree on the Air - Saturday, Oct 15th, 2022 planned for 9a - 3p at St. Alberts Church in Old Northwest Reno. Also, we looking for additional locations in the area for even more Scouts to get on the air.



BSA Scouting - STEM "science, technology, engineering and mathematics" expo

Nevada Area Council Fri Oct 28- 30th at the Reno Livestock Event Center



FATHER & SON PASS THEIR EXAMS TOGETHER



Emmanuel (L) and Daniel Mohr (R), KK7HYY and KK7HYZ pose with their CSCEs at the REOC!

They had come to SNARS Field Day back in late June and now are licensed as Technician Emanuel KK7HYY and General KK7HYZ David. Congratulations to young Boy Scout and his father too.

Pictured are two proud ham radio operators with their CSCE's. Emanuel was also given a new Yaesu FT4XR dual band HT from John N7ROJ.

If you would like to help out with the youth in ham radio, please contact:

Barry K6ST k6st@arrrl.net
Nevada Section Youth Coordinator
ARRL (American Radio Relay League) www.arrrl.org
The national association for Amateur Radio

SNARS HAM RADIO NIGHT

3rd Monday of each month at 7PM PT on Zoom
Join together and Elmer each other for Ham Radio Night on
MONDAY, SEPTEMBER 19, 2022, 7PM

The topic smaller breakout groups will be:

CONTESTING **ANALOG VHF/UHF** **DMR/FUSION** **DIY PROJECTS**

Each participant can move themselves around to different breakout topics in zoom conferencing to enjoy.

If you have any questions or would like to be of service as an Elmer, please contact K6ST Barry k6st@arrrl.net



Register below for our next Ham Radio Tech Night, SNARS (virtual on Zoom conferencing) , 2022, 7:00PM PST
<https://us06web.zoom.us/meeting/register/tZwud-Cqqz4rG9PeRUg09pcQcDoztKwb2bVJ>

W7SSB's FUN STUFF

There is a whole world above 450 MHz.

Most hams never operate above 450 MHz . Many hams don't know there are a lot of frequencies that can be fun to explore . Soon we will have some off the shelf equipment that we can buy and use. More on what's new later !

Here are the frequencies above 450 MHz we have access to. Please look at the frequency chart at where you can operate above 450 MHz, and what modes you can use :

<http://www.arrl.org/files/file/Regulatory/Band%20Chart/Band%20Chart.pdf>

<https://www.youtube.com/watch?v=w1ldsNsc7-s>



Each one of the bands are unique unto themselves! Starting with 900 MHz and up to 10GHz there has been very few choices of equipment for the average ham can buy. Most are commercial handhelds for 900 MHz are Kenwood, Motorola, Alinco and a few others. 1296 MHz equipment has been more available to hams for years from stand alone rigs to transverters.

Above 1200 MHz that is another story where most equipment is either commercial or home built or a combination of both.

Please take a look at the unique features of operating on these frequencies.

Starting with 900MHz in this issue and in the following issues I'll go up in bands.

W6AER has done a very good job explaining what 900MHz is about.

<https://w6aer.com/getting-started-with-900mhz-ham-band/>

But for what's new and my reason for writing this article is that our friends at Icom have come out with the most exciting transceiver. The hams that have always wanted to operate in the microwave range and can now buy an off the shelf radio that does it all. Please see the attached video on the exciting new Icom IC 905. Video is with Ray Novak from Icom USA and Josh from HRCC.

<https://www.youtube.com/watch?v=FTXHU34Iun0>



<https://icomuk.co.uk/Icom-IC-905-VHF-UHF-SHF-Transceiver-Announced-at-Tokyo-Hamfair-2022/2/3250/>

This is an exciting time for the hams that want to experiment with the SHF (microwave) bands! We are lucky in Northern Nevada with our mountain tops we have access to. With this new rig we can have some fun going portable.

I have been told that Diamond and Comet already have antennas for the 905. Save your pennies for this one, it is going through FCC review right now!

Stay tuned! Don W7SSB

ARES NEWS

EVENTS CALENDAR

EVENT 2022	DATE	DATE END	SPONSOR/ORGANIZER	COORDINATOR	CONTACT
Vegas to Reno Off Road Race	9/10/22	9/12/22	Best in the Desert Racing Assn	Keith KC7HTK	kc7htkeith@hotmail.com
Tour De Tahoe	9/11/22		Tahoe Amateur Radio Assn	Paul Gulbro, WA6EWW	wa6eww@juno.com
Reno Air-Races	9/14/22	9/18/22	WC-ARES	Bob Miller WA6MTY	wa6mty@gbis.com
Grinduro SBTS	TBD		Plumas Amateur Radio Ops	Larry Trotter KI6YUK	dltrotter@sbcglobal.net
Nevada Day Parade	10/29/22		NV AREA NW DEC	John Abrott KD7NHC	jabrott77@gmail.com
Sparks Turkey Trot	11/24/22		WC-ARES	Bob Miller WA6MTY	wa6mty@gbis.com

NOTE: Plumas ARC always have a need for operators. Go over to some beautiful country and help out the Plumas Amateur Radio Club

Are you interested in attending the air races for free. Well, not totally free, if you can help us with 16 hours of volunteering time with air race security, I can get you full access to the air races, a \$500 plus value. Free parking, access to the entire Air Races, plus the "Pits" where the pilots and their crews are. Some of my ARES team volunteer for 16 hours before Wednesday of the races and have all the races to themselves, Thursday, Friday, and Saturday. Others only want a "One Day Pass" giving 4 hours and the remainder of the day for the races.



We provide volunteers to help with security starting with the Sunday of the week of the races.

JOBS:

1. Along the Ramp at the Pits to prevent unauthorized people from accessing the flightline.
2. Along the Ramp at the Jet Ramp or the Military Ramp again to prevent unauthorized people from accessing the flightline.
3. We man the gates into the Pits.
4. Also, any of the gates entering the Air Races in general.

Check passes to the Grand Stands or any other place we are requested.

I have access to a golf cart and can come to the parking lot, pick you up, check you in and transport you to Security where you will be assigned a job. Bring your HT, programmed for 146.55 simplex and/or RX 444.700 TX 449.7 PL 103.5. Also bring a headset or earbud as it can get really, noisy.

Any friends or family that would like free access, get me their name, contact phone and email.

Bob Miller WA6MTY

Emergency Coordinator for Washoe County

Amateur Radio Emergency Service

775 843-5952

www.wcares.us

wa6mty@gbis.com

FUN STUFF FOR SEPTEMBER

September has FIVE ARRL/NCJ sponsored contests, shown in BOLD, plus NINE (count 'em!) state QSO parties, plus two state parks-on-the-air events. The latest rage? If you can't find something to do the weekend of the 17th, you in trouble! The CQWW RTTY is Sep 24!

3 Sep 0000 to 4 Sep 2359 1.8-28 All Asian DX Contest, Phone
www.jarl.org/English

3 Sep 1300 to 4 Sep 0400 All, except WARC Colorado QSO Party CW Ph Dig www.ppraa.org/coqp

4 Sep 1800 to Sep 5 0300 All, except WARC Tennessee QSO Party CW Ph Dig www.tnqp.org/rules

10 Sep 1400 to 10 Sep 2200 3.5-28 Ohio State Parks on the Air Ph www.ospota.org

10 Sep 1500 to 11 Sep 0300 3.5-28 Alabama QSO Party CW Ph www.alabamagsoparty.org

10 Sep 1800 to Sep 12 0300 50 and up ARRL September VHF Contest CW Ph Dig www.arrl.org/september-vhf

11 Sep 0000 to 11 Sep 0400 3.5-14 North American Sprint, CW www.ncjweb.com/Sprint-Rules.pdf

17 Sep 0000 to 18 Sep 2359 2.3 GHz and up ARRL EME Contest CW Ph Dig www.arrl.org/eme-contest

17 Sep 0600 to 18 Sep 2359 10 GHz to light ARRL 10 GHz and Up Contest CW Ph Dig www.arrl.org/10-ghz-up

17 Sep 1400 to 18 Sep 0200 All, except WARC and 60 Iowa QSO Party CW Ph Dig www.w0yl.com/IAQP

17 Sep 1400 to Sep 18 2000 All, except WARC Texas QSO Party CW Ph Dig www.txqp.net

17 Sep 1600 to 17 Sep 2300 3.5-28, 50, 144 Wisconsin Parks on the Air CW Ph www.wipota.com

17 Sep 1600 to 18 Sep 0359 3.5-28 New Jersey QSO Party CW Ph Dig www.k2td www.bcrc.org/njqp/

17 Sep 1600 to 18 Sep 2200 All, except WARC New Hampshire QSO Party CW Ph Dig www.w1wqm.org/nhqso/

17 Sep 1600 to 18 Sep 2359 1.8-28, 50, 144 Washington State Salmon Run CW Ph Dig www.salmonrun.wwdxc.org

18 Sep 0000 to 18 Sep 0400 3.5-14 North American Sprint, RTTY Dig www.ncjweb.com

24 Sep 0000 to 25 Sep 2359 3.5-28 CQ Worldwide DX Contest, RTTY Dig www.cqwwrtty.com

24 Sep 1200 to 25 Sep 1200 1.8-28 Maine QSO Party CW Ph www.ws1sm.com/MEQP.html

Check out the rest here:

<http://www.arrl.org/files/file/Contest%20Corral/2022/September%202022%20Corral.pdf>

If you're not into contests, there's always DX to chase! September offers stuff from around the globe! So much DX, so little time.

Aug 27 to Sep30	Tonga	A35JP
Sep 01 to Sep05	Faroe Is	OY
Sep 03 to Sep05	Ogasawara	JD1BOW
Sep 04 to Sep11	Dodecanese	SV5
Sep 04 to Sep18	Burkina Faso	XT2AW
Sep 09 to Sep12	Kosovo	Z66XX
Sep 09 to Sep21	Chatham I	ZL7
Sep 15 to Sep30	Minami Torishima	JD1
Sep 16 to Sep28	San Andres & Providencia	5K0T
Sep 17 to Sep20	Monaco	3A
Sep 19 to Sep26	Svalbard	JW0A

Check <https://www.ng3k.com/Misc/adxo.html> for updates on DXpeditions to make sure they're still a go and see other listings!

RENO QRP SLOW SPEED CW NET

NEXT NET SESSIONS (two of them) WILL BE September 8 and September 22, at 10 AM Pacific. Check with WD7Y@sbcglobal.net to confirm times. Target frequency 7.045 MHz, if busy search somewhere near that frequency.

THE FOLLOWING SHOULD ALWAYS BE IN YOUR REPORT:

NAME, RST, LOCATION, RIG, POWER, ANTENNA.

REMEMBER TO INCLUDE RST IN YOUR REPORT

Feel free to add something else in your exchange.

Take some time to report RST for other OP's or anything else that comes to mind.

Sharing information about you and your equipment will accomplish two things.

First It gives you and everybody else practice sending and copying.
Second It is nice to spend time on the air with your friends. Consider this a QRP meeting on the air.

Relax and have some airtime fun with your friends.

73/72 Ed/WD7Y

NAME THAT RIG (from page 7)

Yup it's a **Hallicrafters**! In 1961, **Hallicrafters** introduced the **SX-111** Receiver, as a less expensive version of its venerable and very popular SX-101 series of receivers. The **SX-111** has essentially the same circuit as the **SX-101** – a dual conversion receiver with both a 1650Khz first conversion, and a 50.75 Khz second conversion IF, which enabled **Hallicrafters** to achieve very sharp IF filtering in that era. The **SX-111**, like the SX-101, has 5, 3, 2, 1, and 0.5Khz selectivity, combined with very good stability, for both CW and SSB reception. The **SX-111** covers the 80 thru 10 meter Amateur bands with a large slide rule dial enabling less than 5 Khz resolution, and a crystal calibrator for good band-edge marking, but some very early ones allegedly did not have the calibrator. It's a sensitive receiver, and it was one of the better receivers in its day. 13 tubes, USB, LSB, CW, and AM reception, RF and AF gain, switchable AVC with fast or slow attack and smooth tuning made the **SX-111** a workhorse of many a hamshack. Yours truly has both the **SX-111** and the SX-101A receivers. While the 101A is a bit more versatile with a "converter" band (which happens to cover 10 Mhz/WWV, and the 30 meter WARC band), and with more "battleship" construction, the **SX-111** holds its own very nicely. The **SX-111** should not be confused (they look almost identical) with the SX-110. The SX-110 is a general coverage receiver, single conversion, inexpensive receiver. The **SX-111** was priced at \$250 when it was introduced. The SX-101 was over \$100 more at the time. The **SX-111** was frequently paired with the HT-37 SSB/CW transmitter. The later model **SX-111**, the **SX-111 Mk I** incorporated a separate product detector for SSB and CW, vs a standard detector for AM operation, thus the Mk I has 14 tubes. They are otherwise identical in looks and function. One very nice receiver.

NEW FEATURE! SNARS STATION ACTIVITIES

This is YOUR page! Here's a place where you can do all the bragging you want, show off that new QSL card, or new rig, show what can be accomplished in the bush, or on a summit, or a park, or an island, and so much more! So send me your photos, stories, QSL cards (a photo will do), whatever you have been up to on the air, or whatever is new in your shack. **YOUR page, you decide!**

We'll start off with Brian KJ6EAC and Barry K6ST:

Since the previous July 16th, 2022 SNARS POTA Gathering at Galena Creek in the Humboldt-Toiyabe National Forest (POTA K-4391 Park), several SNARS members have been getting on the air as Hunters and Activators. Below are pictures from KJ6EAC Brian and K6ST Barry parks on the air activation at Washoe Lake State Park K-2640 on August 25, 2022



K6ST Barry operating FT8 on 20m (10 QSO's on digital plus 6 QSO's on SSB)



KJ6EAC Brian operating his ICOM IC-7300 with SSB on 40M and 20M (16 QSO's) powered by a Bioenno LifePo4 40 AH battery (borrowed from K1LB Woody).



End Fed Half Wave 66' inverted-L wire up at 30' height on a fiberglass push-up poll with a home brew 49:1 UNUN. The antenna worked well with QSO's from Florida to Canada to the west coast.



And a perfect weather day for Ellie (K6ST dog) to hang out with us.



Closeup of the Bioenno 40 AH battery borrowed from Woody K1LB

The next organized SNARS POTA Gathering will be Sunday, Oct 16, 2022, location & details are to be determined. If you might be interested, contact k6st@arrl.net to discuss.

73, K6ST Barry

What have YOU been up to? No matter how elaborate, or how modest, drop me a summary, photos etc., what have you!

73, Howie WB2AWQ WB2AWQ@arrl.net



Board of Directors Meeting Minutes

August 10, 2022 - 6:00PM

At Chin Chin plus Zoom

1. Call to order and roll call at 6:00 PM

Board of Directors:

Anthony Marcin, W7XM	P	Barry Bettman, K6ST	P	John Miller, N7JDM	P
Doug Edmondo, W7DBE	P	John Byerly, N7ROJ	P	Wes Vick, KG7QXE	P
Jim Shepherd, W6US	P				

Guest(s) In attendance: Bill Jones, AE7OX; SNARS Official Bookkeeper

2. Approval of Minutes - Discussion/Action

The July minutes were approved

3. Approval of Agenda - Discussion/Action

The agenda was approved

4. Reports

A. President's Report – Barry and John picked equipment from an estate that needs to be gone through. Two receivers work and the rest is unknown. Picked up another 6' folding table also.

B. Secretary Report – 450 Members, Next meeting will include the business calendar to keep track of what's going on.

C. Treasurer – July 2022 End of Month, Operating: \$9,416, Savings: \$12,314, Self Insurance: \$15,201, Paypal: \$2,067, Convention: \$4,212. Net Monthly: -\$173 net YTD: -\$4,029. Memberships 34, Donations year to date \$4,436 (Amazon \$96, Members \$4,289, Paypal \$51)

Notes: Transferred \$1,200 from PayPal to Operating
Transferred \$340 from Operating to Self Insurance
Transferred \$170 from Operating to Savings

D. Technical Team – Pat / John

Repeater Upgrade – Having the two repeaters that were dropped checked out and aligned for installation. Looking to bring on Greg Stefancik (Ophir and Davidson) to the tech team. Will be working on Internet on Davidson. Discussion on VP and Jim reports all good with Winnemucca.

E. Control Operators / Trustee

Report – No report.

F. Events

NVQSO Party – still awaiting website updates for automatic log uploads. Barry discussed maybe getting Jim on Ham Nation or such to plug.

Barry noted the POTA event in July was successful.

G. Education & Youth Activities

Barry noted that in October there is the Jamboree on the air (Saturday) and one week later a STEM event at the livestock events center. Possible prepers event for Youth in January.

H. Noon Net - Noon Net Manager

Reported that we have a new net operator, Don Tucker

5. Old Business

A. In-Person Meetings – Tony sent some information for BoomTown if we want to try again as well as looking at other options. Looking into a survey to gauge club member interest. The club has a \$1,200 donation specifically for Breakfast meetings.

B. Club Swag – Tony asked what we are looking to go buy; pins, hats, shirts and jackets. Tony will start working on it.

C. Out door Club event – Trying for Spring 2023

D. Fall Swap Meet – On for the 17th of September

6. New Business

Discussed Treasurer Duties – Bill discussed all of the duties of the treasurer so that the board can have further discussions on how to split duties near term.

7. Board member and Public Comments

John B. – Nothing

Doug E. - Just getting up to speed

Jim S. - Looking at field day expenses; bought dry goods that were in the storage unit. Also had a concern about Friday's dinner; not well planned.

Wes – Nothing

Tony – Focus on trying to get members active on committees.

Barry – Thanks Doug; maybe we create a volunteer committee to help. Maybe a room at the Ham Radio Night called SNARS volunteers?

John M. - Nothing

Bill - Nothing

8. Adjournment - Action

A. Next Meeting: September 14th, 2022. Location Chin Chin plus Zoom

B. Adjourned at 18:55